EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20020023765"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 08:06
L4	21	(US-20020023765-$).did. or (US-6031231-$ or US-6316770-$ or US-6891259-$ or US-6238085-$ or US-7022990-$ or US-6686653-$ or US-6603183-$ or US-5369280-$ or US-7038288-$ or US-5689087-$ or US-6222111-$ or US-6163061-$ or US-5374123-$ or US-6949286-$ or US-6229144-$ or US-5804847-$ or US-6627518-$ or US-6335478-$).did. or (US-6384473-$ or US-6603183-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/05/10 08:21
L5	1	L4 and monocrysta$6 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:14
L6	1	L4 and monocrystal$6 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 08:23
L7	1	L4 and monocrystal$6 and chip and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 08:23
L10	3	L4 and membrane and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 09:34
L11	14	L4 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 09:56
L12	2	L4 and filter and wall	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 09:42
L13	2	L4 and filter and wall	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 09:43

L14	21	"5689087" and circuit and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR ·	ON	2006/05/10 10:43
L15	6	"5689087" and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 10:43
L16	17	("5059543" | "5100479" | "5470797" | "5515735" | "5689087" | "5883310" | "5914507" | "5982014" | "5994188" | "6109113" | "6127701" | "6294787" | "6369646" | "6472243" | "6525880" | "6631638").PN. OR ("6828172").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/10 10:54
L17	1	L16 and substrate and filter and chip	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/10 12:44
L18	21	(US-20020023765-$).did. or (US-6031231-$ or US-6316770-$ or US-6891259-$ or US-6238085-$ or US-7022990-$ or US-6686653-$ or US-6603183-$ or US-5369280-$ or US-7038288-$ or US-5689087-$ or US-6222111-$ or US-6163061-$ or US-5374123-$ or US-6949286-$ or US-6229144-$ or US-5804847-$ or US-6627518-$ or US-6335478-$).did. or (US-6384473-$ or US-6603183-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/05/10 11:19
L19	7	L18 and substrate and cavity and chips	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 11:23
L20	4	L18 and substrate and cavity and chips and germanium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 11:30
L21	5	L18 and substrate and cavity and (chips or wafers) and germanium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 11:30
L22	3	L18 and substrate and cavity and (chips or wafers) and germanium and stack	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 11:31

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L23	3	L18 and substrate and cavity and (chips or wafers) and germanium and stack$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 11:42
L24	1	L18 and substrate and cavity and (chips or wafers) and germanium and stack$4 and antireflect$$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 11:43
L25	1	L18 and substrate and cavity and (chips or wafers) and germanium and stack$4 and antireflect$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 11:43
L26	2	L18 and substrate and cavity and antireflect$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 11:43
L27	3	L18 and substrate and cavity and (anti adj reflect$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 11:43
L32	16	"250"$.ccls. and ((substrate or wafer) and cavity and (stack$4 same (substrates or chips)) and window and (anti adj reflect$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 12:43
L33	4	L16 and (stack$4 same (substrates or chips))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/10 12:51
L34	1	L16 and (stack$4 same (substrates or chips)) and packages	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/10 12:51
L36	2	L4 and (anti adj reflect$4) and window and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 13:34
L37	13	L4 and cap$5 and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 13:40
L38	3	L4 and cap$5 and substrate and lid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 13:41
L39	1892	250/338.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:11

EAST Search History

L40	489	250/338.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:11
L41	989	250/336.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:11
L42	836	250/332.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:11
L43	448	250/370.08.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:12
L46	764	257/448.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:12
L47	690	257/434.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:12
L50	795	257/687.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:12
L51	325	257/257.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:12
L52	35	L39 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:13
L53	16	L40 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:13
L54	1	L41 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:13
L56	13	L42 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:14

EAST Search History

L58	2	L47 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:14
L61	6	L39 and monocrysta$6 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:14
L62	8	L40 and monocrysta$6 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:14
L64	5	L42 and monocrysta$6 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:14
L65	5	L43 and monocrysta$6 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:14
L66	4	L46 and monocrysta$6 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:14
L67	5	L47 and monocrysta$6 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:15
L68	11	L50 and monocrysta$6 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:15
L69	2	L51 and monocrysta$6 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:15
L70	23	("20040164981" | "4418284" | "5433911" | "5753857" | "5811799" | "5865935" | "6011294" | "6143588" | "6266197" | "6285064" | "6351027" | "6358773" | "6428650" | "6509560" | "6534340" | "6603183" | "6753203" | "6762492" | "6822326" | "6856014" | "6874227" | "6900531" | "6905910").PN. OR ("6995462").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/10 14:15

L71	13	L70 and (substrate or wafer or chip) and (cavity or aperture) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:15
L72	169	L39 and (substrate or wafer or chip) and (cavity or aperture) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:15
L73	98	L40 and (substrate or wafer or chip) and (cavity or aperture) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:15
L76	41	L41 and (substrate or wafer or chip) and (cavity or aperture) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:16
L77	131	L42 and (substrate or wafer or chip) and (cavity or aperture) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:16
L78	44	L43 and (substrate or wafer or chip) and (cavity or aperture) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:16
L79	51	L46 and (substrate or wafer or chip) and (cavity or aperture) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:16
L80	84	L47 and (substrate or wafer or chip) and (cavity or aperture) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:16
L81	34	L50 and (substrate or wafer or chip) and (cavity or aperture) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:16
L82	11	L51 and (substrate or wafer or chip) and (cavity or aperture) and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:16
L83	1708	"257"$.ccls. and integrat$4 and substrate and window and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:17
L84	15	L72 and integrat$4 and substrate and window and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:17

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L85	16	L73 and integrat$4 and substrate and window and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:17
L86	3	L76 and integrat$4 and substrate and window and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:17
L87	16	L77 and integrat$4 and substrate and window and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:17
L88	3	L78 and integrat$4 and substrate and window and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:17
L89	2	L79 and integrat$4 and substrate and window and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:17
L90	17	L80 and integrat$4 and substrate and window and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:17
L91	1	L81 and integrat$4 and substrate and window and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:17
S1	1891	250/338.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 08:06
S2	35	S1 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:13
S3	48	"6384473"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 10:40
S4	9	"6603183"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 10:40
S5	4	"6686653"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 10:40

EAST Search History

S6	2	"20020023765"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 10:40
S7	4	(US-20020023765-$).did. or (US-6686653-$).did. or (US-6384473-$ or US-6603183-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/05/05 10:40
S8	1	S7 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:20
S9	18	("4701424" | "5196919" | "5397897" | "5420419" | "5459351" | "5521123" | "5528452" | "5585311" | "5729019" | "5895233" | "5914488" | "6036872" | "6062461" | "6066808" | "6396116" | "6483030").PN. OR ("6686653").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 10:41
S10	12	("20030146384" | "4008945" | "5498900" | "5798557" | "5818094" | "5932875" | "6062461" | "6074891" | "6147389" | "6670538" | "6686653" | "6846690").PN. OR ("7022990").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 10:42
S11	3	S10 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 10:44
S12	21	("4926227" | "5122561" | "5359208" | "5867368").PN. OR ("6147389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 10:43
S13	10	S12 and substrate and cavity and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 10:45
S14	5	S10 and substrate and cavity and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 10:46
S15	11	S9 and substrate and cavity and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 10:46

S16	1	S7 and substrate and cavity and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 10:48
S17	6	("20020023765" | "5895233" | "6384473" | "6603183" | "6686653").PN. OR ("6844606"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 10:47
S18	2	S17 and substrate and cavity and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 10:48
S19	55	S1 and substrate and cavity and thermo$4 and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 11:00
S20	9	S1 and substrate and cavity and thermo$4 and sensor and support and membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 11:01
S21	7	S1 and substrate and cavity and thermo$4 and sensor and support and membrane and window	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 11:01
S22	52	"250"$.ccls. and ((substrate or wafer) and cavity and membrane and optical and wavelength and micrometer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 12:41
S23	3	S1 and ((substrate or wafer) and cavity and membrane and optical and wavelength and micrometer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 11:18
S24	22	("4158133" | "4902136" | "5144498" | "5216237" | "5321539" | "5365770").PN. OR ("5589689").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 11:21
S25	147454	thermopile and (substrate or wafer) and cavity and wavelength an micrometers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 11:25
S26	39	thermopile and (substrate or wafer) and cavity and wavelength and micrometers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 11:32
S27	26	thermopile and (substrate or wafer) and cavity and wavelength and micrometers and wall	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 11:32

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S28	24	S1 and substrate and cavity and thermopile and sensor and wall	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 11:33
S29	9	"6603183"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 11:42
S30	12	("5122861" | "5615052" | "5753857" | "5865935" | "6117705" | "6144107" | "6185180").PN. OR ("6603183"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 11:42
S31	18	("20020185748" | "20030183909" | "4801998" | "5518660" | "5796582" | "5909056" | "6278182" | "6282096" | "6317326" | "6369380" | "6392890" | "6407461" | "6515360" | "6535388" | "6549407" | "6603183" | "6654248").PN. OR ("6891259"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 11:43
S32	335159	"257"$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 11:44
S33	61	S32 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 12:08
S34	20	("5288649" | "5523564" | "5534111" | "5560711" | "5583058" | "5594248" | "5850098").PN. OR ("6163061"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 12:06
S35	8	S34 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 12:18
S36	8	S34 and (substrate or wafer or chip) and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 12:44
S37	8	("20020009821" | "6048092" | "6163061" | "6222454" | "6335478" | "6548879" | "6603160" | "6608356").PN. OR ("6806470").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 12:22

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S38	23	("20040164981" | "4418284" | "5433911" | "5753857" | "5811799" | "5865935" | "6011294" | "6143588" | "6266197" | "6285064" | "6351027" | "6358773" | "6428650" | "6509560" | "6534340" | "6603183" | "6753203" | "6762492" | "6822326" | "6856014" | "6874227" | "6900531" | "6905910").PN. OR ("6995462"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 12:43
S39	0	S38 and (substrate or wafer or chip) and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 12:45
S40	13	S38 and (substrate or wafer or chip) and cavity and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:15
S41	9	("5070041" | "6130448" | "6191359" | "6291263" | "6509636" | "6680525" | "6747261" | "6753922").PN. OR ("6874227").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 12:53
S42	23	("20040164981" | "4418284" | "5433911" | "5753857" | "5811799" | "5865935" | "6011294" | "6143588" | "6266197" | "6285064" | "6351027" | "6358773" | "6428650" | "6509560" | "6534340" | "6603183" | "6753203" | "6762492" | "6822326" | "6856014" | "6874227" | "6900531" | "6905910").PN. OR ("6995462"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 13:00
S43	1	S7 and substrate and cavity and sensor and wall	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 13:29

S44	18	("4701424" | "5196919" | "5397897" | "5420419" | "5459351" | "5521123" | "5528452" | "5585311" | "5729019" | "5895233" | "5914488" | "6036872" | "6062461" | "6066808" | "6396116" | "6483030").PN. OR ("6686653").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 13:29
S45	87	"250"$.ccls. and substrate and cavity and membrane and sensor and reflect$4 and ((wall or window) and silicon)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 14:08
S46	11	S45 and thermopile	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 13:55
S47	11	"250"$.ccls. and substrate and cavity and membrane and sensor and reflect$4 and ((wall or window) and silicon) and thermopile	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 14:11
S48	7	"257"$.ccls. and substrate and cavity and membrane and sensor and reflect$4 and ((wall or window) and silicon) and thermopile	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 14:11
S49	10	(US-20020023765-$).did. or (US-6316770-$ or US-6603183-$ or US-6891259-$ or US-6686653-$ or US-7022990-$ or US-5374123-$ or US-6335478-$).did. or (US-6384473-$ or US-6603183-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/05/08 10:37
S50	18	("20020185748" | "20030183909" | "4801998" | "5518660" | "5796582" | "5909056" | "6278182" | "6282096" | "6317326" | "6369380" | "6392890" | "6407461" | "6515360" | "6535388" | "6549407" | "6603183" | "6654248").PN. OR ("6891259").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 08:04
S51	0	S49 and cacity and substrate and circuit and sens$4 and window	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:36
S52	0	S49 and cacity and substrate and circuit and sens$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 08:05

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S53	3	S49 and cavity and substrate and circuit and sens$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 08:44
S54	19	"5589689"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 08:46
S55	9	"5589689" and cavity and substrate	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 08:48
S56	22	("4158133" | "4902136" | "5144498" | "5216237" | "5321539" | "5365770").PN. OR ("5589689").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 08:48
S57	9	S56 and cavity and substrate	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 08:49
S58	1489	cavity and substrate and (thermopile or thermocouple) and circuit and silicon	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 08:50
S59	468	cavity and substrate and (thermopile or thermocouple) and circuit and silicon and package	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 08:50
S60	102	"250"$.ccls. and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:46
S61	58	S60 and wall	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 09:01
S62	286	"257"$.ccls. and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 09:21
S63	180	S62 and wall	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 09:01
S64	20	("5288649" | "5523564" | "5534111" | "5560711" | "5583058" | "5594248" | "5850098").PN. OR ("6163061").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:21
S65	149	((infrared adj sensor) same package)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:21

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S66	28	"257"$.ccls. and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 09:30
S67	53	"250"$.ccls. and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 09:22
S68	3	"257"$.ccls. and S65 and membrane and window	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 09:30
S69	17	("5059543" | "5100479" | "5470797" | "5515735" | "5689087" | "5883310" | "5914507" | "5982014" | "5994188" | "6109113" | "6127701" | "6294787" | "6369646" | "6472243" | "6525880" | "6631638").PN. OR ("6828172").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:30
S70	33	("3293082" | "3436274" | "3758830" | "3761318" | "4211888" | "4456919" | "4558342" | "4571608" | "5156688" | "5462608").PN. OR ("5689087").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:32
S72	50	"250"$.ccls. and cavity and (substrate or wafer) and circuit and sens$4 and window and (anti adj reflect$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 09:37
S73	50	"250"$.ccls. and cavity and (substrate or wafer) and circuit and sens$4 and window and (anti adj reflect$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 09:38
S74	67	"257"$.ccls. and cavity and (substrate or wafer) and circuit and sens$4 and window and (anti adj reflect$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:04
S75	53	("3069644" | "3675018" | "4110616" | "4116063" | "5021663" | "5118944" | "5293041").PN. OR ("5369280").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:40
S76	15	"257"$.ccls. and cavity and (substrate or wafer) and circuit and sens$4 and (anti adj reflect$4) and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:05

S77	16	"250"$.ccls. and cavity and (substrate or wafer) and circuit and sens$4 and (anti adj reflect$4) and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:08
S78	110	"250"$.ccls. and cavity and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:17
S79	188	"257"$.ccls. and cavity and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:12
S80	37	S78 and package	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:09
S81	114	S79 and package	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:09
S82	35	"600"$.ccls. and cavity and (substrate or wafer) and circuit and sens$4 and (back adj side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:13
S83	485	"250"$.ccls. and (cavity or hole or etch$4) and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:17
S84	566	"257"$.ccls. and (cavity or hole or etch$4) and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:17
S85	360	"257"$.ccls. and (cavity or hole) and etch$4 and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:54
S86	175	"250"$.ccls. and (cavity or hole) and etch$4 and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:07
S87	78	S85 and membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:36
S88	36	S86 and membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:18

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S89	1	S49 and (back same side)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/05/08 10:38
S90	18	("20020185748" | "20030183909" | "4801998" | "5518660" | "5796582" | "5909056" | "6278182" | "6282096" | "6317326" | "6369380" | "6392890" | "6407461" | "6515360" | "6535388" | "6549407" | "6603183" | "6654248").PN. OR ("6891259"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 10:37
S91	3	S90 and (back same side)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/05/08 10:38
S92	15	("20030089958" | "20050051859" | "4491983" | "5049521" | "5973337" | "6143588" | "6348682" | "6483101" | "6521476" | "6586721" | "6614103" | "6633421" | "6686580" | "6703689" | "6737720").PN. OR ("7038288"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 10:41
S93	5	250/338$.ccls. and (cavity or hole) and etch$4 and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:44
S94	8	250/338$.ccls. and (cavity or hole) and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:04
S95	0	220/338$.ccls. and (cavity or hole) and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 10:56
S96	30	thermopile and (cavity or hole) and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:06
S97	27	thermopile and (cavity or hole) and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5 and window	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:04
S98	241	(thermopile or thermocouple) and (cavity or hole) and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:25

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S99	13	"250"$.ccls. and S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:13
S100	36	"257"$.ccls. and S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:07
S101	249	"250"$.ccls. and thermopile and window	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:49
S102	86	(substrate or wafer) and circuit and S101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:13
S103	10	(thermopile or thermocouple) and (cavity or hole) and (substrate or wafer) and circuit and sens$4 and ((back adj side) same illuminat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:28
S104	5389	(thermopile or thermocouple) and (cavity or hole) and (substrate or wafer) and circuit	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:28
S105	233	(thermopile or thermocouple) and (cavity or hole) and (substrate or wafer) and circuit and (window same pass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:36
S106	17	(thermopile or thermocouple) and (cavity or hole) and (substrate or wafer) and circuit and (window same pass) and (back same illuminat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:37
S107	336	sens$4 and (cavity or hole) and (substrate or wafer) and circuit and (window same pass) and (back same illuminat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:37
S108	48	S107 and thermo$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:38
S109	18	("4883561" | "5357122" | "5625726" | "5773331" | "5821138" | "5916585" | "5953597" | "5976953" | "5985742" | "5994207" | "6010579" | "6013563" | "6127199" | "6143582").PN. OR ("6627518").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 11:43

S11 0	127	"250"$.ccls. and substrate and cavity and (back same illuminat$5) and circuit	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 11:50
S11 3	3	"6455858"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 12:29
S11 4	107	257/460.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:20
S11 5	160	257/447.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:19
S11 6	0	S114 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:19
S11 7	1	S115 and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:19
S11 8	61	"257"$.ccls. and substrate and cavity and thermopile and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:36
S11 9	22	("4894698" | "5659195" | "5852320" | "5894144" | "5929497" | "6066882" | "6150681" | "6169316" | "6201285" | "6229190" | "6278167" | "6319743" | "6326682" | "6357299" | "6369931" | "6376889" | "6383832" | "6388279" | "6388299" | "6405594").PN. OR ("6551853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 16:21
S12 0	22	("4894698" | "5659195" | "5852320" | "5894144" | "5929497" | "6066882" | "6150681" | "6169316" | "6201285" | "6229190" | "6278167" | "6319743" | "6326682" | "6357299" | "6369931" | "6376889" | "6383832" | "6388279" | "6388299" | "6405594").PN. OR ("6551853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 16:24

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S12 2	9	S120 and substrate and cavity and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:26
S12 3	45	"257"$.ccls. and substrate and cavity and thermopile and sensor and (silicon same infrared)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:39
S12 4	3	"257"$.ccls. and substrate and cavity and thermopile and sensor and (silicon same infrared) and (back same irradiat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:44
S12 5	3	"250"$.ccls. and substrate and cavity and thermopile and sensor and (silicon same infrared) and (back same irradiat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:45
S12 6	2	"250"$.ccls. and substrate and cavity and thermopile and sensor and ((silicon or base) same (pass same (radiation or infrared))) and (back same irradiat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:46
S12 7	33	"250"$.ccls. and sens$4 and (cavity or hole) and (substrate or wafer) and circuit and (window same pass) and (back same illuminat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:55
S12 8	118	"250"$.ccls. and sens$4 and (cavity or hole) and (substrate or wafer) and circuit and filter and etch$4 and (back same illuminat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:55
S12 9	96	"250"$.ccls. and sens$4 and (cavity or hole) and (substrate or wafer) and circuit and filter and etch$4 and (back same illuminat$5) and silicon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:56
S13 0	51	"250"$.ccls. and sens$4 and (cavity or hole) and (substrate or wafer) and circuit and filter and etch$4 and (back same illuminat$5) and silicon and (reflect$4 same layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:58
S13 1	3	"250"$.ccls. and sens$4 and (cavity or hole) and (substrate or wafer) and circuit and filter and etch$4 and (back same illuminat$5) and silicon and (reflect$4 same layer) and membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:56

EAST Search History

S13 2	24	"250"$.ccls. and sens$4 and (cavity or hole) and (substrate same back) and circuit and filter and etch$4 and (back same illuminat$5) and silicon and (reflect$4 same layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 16:59
S13 3	63	"257"$.ccls. and sens$4 and (cavity or hole) and (substrate same back) and circuit and filter and etch$4 and (back same illuminat$5) and silicon and (reflect$4 same layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 17:03
S13 4	42	"257"$.ccls. and sens$4 and (cavity or hole) and (substrate same back) and circuit and filter and etch$4 and (back same illuminat$5) and silicon and (reflect$4 same layer) and stack	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/08 17:03
S13 5	18	(US-20020023765-$).did. or (US-6891259-$ or US-6603183-$ or US-7022990-$ or US-6686653-$ or US-6335478-$ or US-6316770-$ or US-6163061-$ or US-5374123-$ or US-5689087-$ or US-6238085-$ or US-6229144-$ or US-5369280-$ or US-5804847-$ or US-7038288-$ or US-6627518-$).did. or (US-6384473-$ or US-6603183-$). did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/05/09 14:06
S13 6	1892	250/338.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:37
S13 7	18	S136 and integrat$4 and thermopile and substrate and cavity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:09
S13 8	6	S136 and integrat$4 and thermopile and substrate and cavity and window	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:34
S13 9	6	S136 and integrat$4 and thermopile and substrate and cavity and window and infrared	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:37
S14 0	5	250/338$.ccls. and integrat$4 and thermopile and substrate and cavity and window and infrared and wall	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:58

EAST Search History

S14 1	1	"250"$.ccls. and integrat$4 and thermopile and substrate and cavity and window and infrared and wall and (back same irradiat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:40
S14 3	15	"257"$.ccls. and integrat$4 and thermopile and substrate and cavity and window and infrared and wall	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:41
S14 4	3	"257"$.ccls. and integrat$4 and thermopile and substrate and cavity and window and infrared and wall and back and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:17
S14 5	6	"250"$.ccls. and integrat$4 and thermopile and substrate and cavity and window and infrared and wall and back and filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:42
S14 6	17	("5059543" | "5100479" | "5470797" | "5515735" | "5689087" | "5883310" | "5914507" | "5982014" | "5994188" | "6109113" | "6127701" | "6294787" | "6369646" | "6472243" | "6525880" | "6631638").PN. OR ("6828172").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/09 14:42
S15 2	2	250/330$.ccls. and (cavity or hole) and etch$4 and (substrate or wafer) and circuit and sens$4 and (back same side) and illuminat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 14:11
S15 3	1	250/338$.ccls. and integrat$4 and thermopile and substrate and cavity and window and infrared and wall and bandgap	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:59
S15 4	5	250/338$.ccls. and integrat$4 and thermopile and substrate and cavity and window and infrared and wall and absorb$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:59
S15 5	8	250/338$.ccls. and integrat$4 and thermopile and substrate and cavity and window and infrared and absorb$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 14:59

S15 6	48	("3147436" | "3293082" | "3354309" | "3405271" | "3405272" | "3405273" | "3424624" | "3611805" | "3687713" | "3715288" | "3781549" | "3965568" | "4098617" | "4148052" | "4229066" | "4282290" | "4293768" | "4436363" | "4456919" | "4459484" | "4558342" | "4956555" | "5038041" | "5041723" | "5056929" | "5072109" | "5099121" | "5100479" | "5138164" | "5157258" | "5159199" | "5300778" | "5393351").PN. OR ("6222111"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/09 15:03
S15 7	17	("20020018887" | "20020025425" | "20020162585" | "3405271" | "3405272" | "4111717" | "4282290" | "5316854" | "5412279" | "5545897" | "5689087" | "5982014" | "6060151" | "6222111" | "6368400").PN. OR ("6949286"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/09 15:04
S15 8	48	("3147436" | "3293082" | "3354309" | "3405271" | "3405272" | "3405273" | "3424624" | "3611805" | "3687713" | "3715288" | "3781549" | "3965568" | "4098617" | "4148052" | "4229066" | "4282290" | "4293768" | "4436363" | "4456919" | "4459484" | "4558342" | "4956555" | "5038041" | "5041723" | "5056929" | "5072109" | "5099121" | "5100479" | "5138164" | "5157258" | "5159199" | "5300778" | "5393351").PN. OR ("6222111"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/09 15:18

S15 9	21	(US-20020023765-$).did. or (US-6891259-$ or US-6603183-$ or US-7022990-$ or US-6686653-$ or US-6335478-$ or US-6316770-$ or US-6163061-$ or US-5374123-$ or US-5689087-$ or US-6238085-$ or US-6229144-$ or US-5369280-$ or US-5804847-$ or US-7038288-$ or US-6627518-$ or US-6031231-$ or US-6222111-$ or US-6949286-$).did. or (US-6384473-$ or US-6603183-$). did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/05/09 15:45
S16 0	5	S159 and membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 16:38
S16 1	14	S159 and chip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/09 16:38